

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 1. (Currently Amended) A system for controlling pagination of a presentable
2 object in a computer application, the system comprising:

3 a set of user-definable classes for representing pages on which the presentable object
4 is paginated, wherein the set of user-definable classes comprises:~

5 a first print page-preparation class for representing view-related display
6 information of a page, wherein the first class represents at least one of the following: a
7 bottomless and a finite page;

8 a second print page-preparation class for ~~representing descriptive information~~
9 ~~of a page~~ providing input information regarding page size and a break position for a start
10 position for a current page, wherein the second print page-preparation class is sealed;

11 a third print page-preparation class for representing page break information
12 associated with a type of break class occur, wherein the third class is customized for an
13 associated pagination control element; and

14 a fourth print page-preparation class for ~~representing positional information of~~
15 ~~content~~ for specifying positions exclusive to a content type, wherein information associated
16 with the fourth class includes is customized for an associated pagination control element
17 elements based on a for each content type; and

18 an interface for hosting paginating control elements for each content type; and

19 a set of user-definable methods utilizing the user-definable classes to arrange co-
20 pagination of ~~paginate the~~ object types.

1 2. (Canceled)

1 3. (Original) The system of claim 1, wherein the set of user-definable methods
2 comprises:

3 a method for measuring the object for pagination; and

4 a method for arranging paginated pages of the object for display.

1 4. (Original) The system of claim 3 wherein the set of user-definable methods
2 further comprises:

3 a method for updating the pagination of an object.

1 5. (Original) The system of claim 3 wherein the set of user-definable methods
2 further comprises:

3 a method for calculating page break positions for an object to be paginated.

1 6. (Original) The system of claim 3 wherein the set of user-definable methods
2 further comprises:

3 a method for setting a host of the object.

1 7-17. (Canceled)

1 18. (New) A method for controlling pagination of a presentable object in a
2 computer application, the method comprising:
3 providing a set of user-definable classes for representing pages on which the
4 presentable object is paginated, wherein the providing the set of user-definable classes
5 further comprises:
6 providing a first print page-preparation class for representing view-related
7 display information of a page, wherein the first class represents at least one of the following:
8 a bottomless and a finite page;
9 providing a second print page-preparation class for providing input
10 information regarding page size and a break position for a start position for a current page,
11 wherein the second print page-preparation class is sealed;
12 providing a third print page-preparation class for representing page break
13 information associated with a type of break class occur, wherein the third class is customized
14 for an associated pagination control element; and
15 providing a fourth print page-preparation class for specifying positions
16 exclusive to a content type, wherein information associated with the fourth class includes
17 pagination control elements for each content type;
18 hosting paginating control elements for each content type; and
19 providing a set of user-definable methods utilizing the user-definable classes to
20 arrange co-pagination of object types.

1 19. (New) A computer storage medium readable by a computing system mod
2 encoding instructions for executing a computer process for controlling pagination of a
3 presentable object in a computer application, wherein the software application has one or
4 more secured features, said computer process comprising:
5 providing a set of user-definable classes for representing pages on which the
6 presentable object is paginated, wherein the providing the set of user-definable classes
7 further comprises:
8 providing a first print page-preparation class for representing view-related
9 display information of a page, wherein the first class represents at least one of the following:
10 a bottomless and a finite page;
11 providing a second print page-preparation class for providing input
12 information regarding page size and a break position for a start position for a current page,
13 wherein the second print page-preparation class is sealed;
14 providing a third print page-preparation class for representing page break
15 information associated with a type of break class occur, wherein the third class is customized
16 for an associated pagination control element; and
17 providing a fourth print page-preparation class for specifying positions
18 exclusive to a content type, wherein information associated with the fourth class includes
19 pagination control elements for each content type;
20 hosting paginating control elements for each content type; and
21 providing a set of user-definable methods utilizing the user-definable classes to
22 arrange co-pagination of object types.